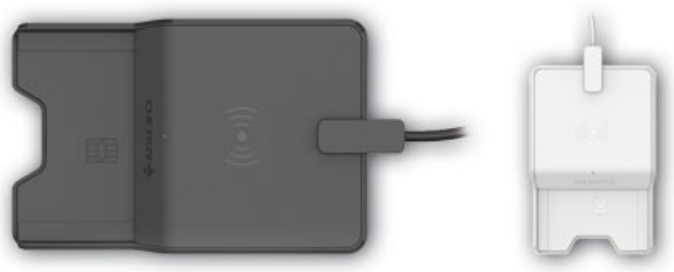
CHERRY TC 1300



Models may vary from the image shown

Class 1 terminal for contact and contactless smart cards.

CHERRY TC 1300 - the reliable solution for bidirectional communication with contact and contactless chip cards. Design: intelligent. Operation: with one hand. Workmanship: high-quality.

Key benefits

- Class 1 smart card terminal
- Bidirectional communication for contact and contactless smart cards (dual interface)
- LED status display
- High-quality workmanship, state-of-the-art technology and intelligent design
- Card guide in housing for one-handed operation and rubber surfaces to prevent slipping
- Attachable card clip to fasten contactless smart cards
- Data exchange via loop contact with approx. 100,000 mating cycles
- Connection via USB 2.0 port
- 1.75 m cable length for maximum freedom of movement
- Software supports Microsoft Windows, Linux and Mac OS X operating systems
- Supported standards: PC/SC, CCID, CT-API
- EMV 2000 Level 1 certification

Technical Data:

Housing colour:
Product dependant, see table "Models"

Weight (product):
approx. 105 g

Total weight (with packaging):
Product dependant, see table "Models"

Cable Length:
approx. 1.75 m

Storage Temperature:
-20°C to 65°C

Operating Temperature:
0°C to 50°C

Current Consumption:
max. 160 mA

Interface:
- USB

Product approvals:
- VDE GS
- c-tick
- UL
- CE
- FCC

System requirements:
- USB connection

Dimensions (product):
115 x 75 x 16.5 mm

Packaging dimensions:
Product dependant, see table "Models"

Packaging (version):
Product dependant, see table "Models"

Smart card reader:
- Type: Mechanical & contact-free
- Hardware interface: USB
- Agency Approvals: EMV 2000 Level 1
- Chip-card protocols: T=0, T=1, T=CL
- Contact: mechanical swipe reader in accordance with ISO7816 and contact-free reader in accordance with ISO14443A, ISO14443B, ISO15693
- Software interface: CT-Api, PC/SC, CCID
- Mating cycles: approx. 100,000 operations
- Compatible chip card types: Reads and writes on all ISO 7816 cards, MIFARE®, DESFire®, iCLASS®, ...
- Transmission speed reader <==> card: max. 420 kBit/s (ISO7816), 424 kBit/s (ISO 14443), 26 kbit/s (ISO15693)
- Transmission speed reader <==> system: max. 12 MBit/s
- Chip card pulse frequency: up to 8 MHz

Packaging Unit:
- Number of products in the master package: Product dependant, see table "Models"
- Number of master packages per pallet: Product dependant, see table "Models"

Warranty:
2 years

Errors, technical changes and delivery possibilities excepted. Technical information refers only to the specifications of the products. Features may differ from the information provided.

© ZF Friedrichshafen AG • Cherrystraße • 91275 Auerbach/OPf. • Germany
Tel +49 (0) 7541 77 499 01 • Fax +49 (0) 7541 77 499 06 • info@cherry.de• www.cherry.de• 2014-10-31

Models:

	Product name	Order number	Housing colour	Total weight (with packaging)	Packaging dimensions	Packaging (version)	Number of products in the master package	Number of master packages per pallet
1	CHERRY TC 1300	JT-0300AB-0	pale grey	-	-	Collective packaging	90	24
2	CHERRY TC 1300	JT-0300AB-2	black	-	-	Collective packaging	90	24
3	CHERRY TC 1300	JT-0300WB-0	pale grey	approx. 136 g	140 x 50 x 85 mm	White box	80	20
4	CHERRY TC 1300	JT-0300WB-2	black	approx. 136 g	140 x 50 x 85 mm	White box	80	20

© ZF Friedrichshafen AG • Cherrystraße • 91275 Auerbach/OPf. • Germany
Tel +49 (0) 7541 77 499 01 • Fax +49 (0) 7541 77 499 06 • info@cherry.de• www.cherry.de• 2014-10-31